



- L5: (1) 1 with 5
- L6: (2481) (database near3 key)
- L7: (312) 380\$.ccs. and 6
- L8: (0) "composite keystore" and (database near3 key)
- L9: (113) "key store" and (database near3 key)
- L10: (4) 3 and 9
- L12: (14) 10 or 4 or 9

09/746,582

Failed

|    | Document ID   | Issue Date | Title  | Current O | Current X Ref      | Inventor                       | Page | Retrieve |
|----|---------------|------------|--|-----------|--------------------|--------------------------------|------|----------|
| 1  | US 6457007 B1 | 20020924   | Distributed database management system           | 707/10    | 707/100            | Kikuchi, Satoshi et al.        | 67   |          |
| 2  | US 6345288 B1 | 20020205   | Computer-based communication system              | 709/201   | 707/100; 707/101   | Reed, Drummond Shattuck et al. | 121  |          |
| 3  | US 6314452 B1 | 20011106   | System and method for transmitting a digital     | 709/203   | 709/217            | Dekel, Shai et al.             | 43   |          |
| 4  | US 6138123 A  | 20001024   | Method for creating and using parallel data      | 707/201   | 345/853; 707/102   | Rathbun, Kyle R.               | 93   |          |
| 5  | US 6088717 A  | 20000711   | Computer-based communication system              | 709/201   | 707/100; 707/104.1 | Reed, Drummond Shattuck et al. | 128  |          |
| 6  | US 5960194 A  | 19990928   | Method for generating a multi-tiered index for   | 707/102   | 707/100; 707/101   | Choy, David Mun-Hien et al.    | 19   |          |
| 7  | US 5892900 A  | 19990406   | Systems and methods for secure transaction       | 713/200   | 713/201            | Ginter, Karl L. et al.         | 360  |          |
| 8  | US 5862325 A  | 19990119   | Computer-based communication system              | 709/201   | 704/270.1; 982/10  | Reed, Drummond Shattuck et al. | 130  |          |
| 9  | US 5842207 A  | 19981124   | Method for storing records of a distributed      | 707/7     | 707/10             | Fujiwara, Shinji et al.        | 23   |          |
| 10 | US 5619713 A  | 19970408   | Apparatus for realigning database fields through | 707/102   | 707/201            | Baum, Richard I. et al.        | 47   |          |
| 11 | US 5568554 A  | 19961022   | Method for improving the processing and storage  | 713/181   | 380/30; 713/150    | Eastlake, 3rd, Donald E.       | 13   |          |
| 12 | US 5551027 A  | 19960827   | Multi-tiered indexing method for partitioned     | 707/201   | 711/129; 711/153   | Choy, David M. et al.          | 20   |          |
| 13 | US 5548769 A  | 19960820   | Database engine                                  | 707/1     | 715/533            | Baum, Richard I. et al.        | 47   |          |
| 14 | US 5210870 A  | 19930511   | Database sort and merge apparatus with multiple  | 707/7     | 340/146.2          | Baum, Richard I. et al.        | 46   |          |

# EAST - [default.wsp:1]

File View Edit Tools Window Help



- ☐ Drafts
- ☐ Pending
- ☒ Active
  - L1: (22) update\$4 with superced\$4
  - L2: (2) database with 1
  - L3: (471) local with distributed with (database or keystore or "key store")
  - L4: (57114) access\$4 with request\$4
  - L5: (12) 3 with 4
  - L6: (3226) (fail\$4 or corrupted) with distributed
  - L7: (25836) request\$4 with (local or central or centralized)
  - L8: (2) 6 with 7
  - L9: (15490) request\$4 near5 (local or central or centralized)
  - L10: (1335) (fail\$4 or corrupted) near5 distributed
  - L11: (0) 9 with 10
  - L12: (2) 9 same 10
  - L13: (60) request\$4 adj3 ((central or centralized) adj2 database)
  - L14: (796) (fail\$4 or corrupted) near3 distributed
  - L15: (0) 13 and 14
  - L16: (20) (backup or redundant) with 14
  - L17: (98) (backup or redundant) with (centralized or central) with database
  - L18: (1) 16 same 17**
- ☐ Failed
- ☐ Saved
- ☐ Favorites
- ☐ Tagged (0)
- ☐ UDC
- ☐ Queue
- ☐ Trash

Search List Browse Queue Clear

DBs USPAT:EPD:JPORDERWENT:IBM:TOP

Default operator: OR

16 same 17

BRS form IS&R form Image Text

| Document | Issue       | Title                             | Current | Current       | Inventor                  | Pa | Retra | U                        | 1                        | S                                   | C                        | P                        | S                        | Image D   |
|----------|-------------|-----------------------------------|---------|---------------|---------------------------|----|-------|--------------------------|--------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|-----------|
| 1        | US 589999 A | 199905 Method and system for main | 707/104 | 705/3; 707/10 | McGauley, James L. et al. | 28 |       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | US 589999 |

## EAST - [default.wsp:1]

File View Edit Tools Window Help



- [-] Drafts
  - BRS: add\$4
- [-] Pending
- [-] Active
  - ☒ L38: (2157) "distributed database"
  - ☒ L39: (164) storing with 38
  - ☒ L40: (0) "new entry" with 39
  - ☒ L41: (12) "new" with 39
  - ☒ L42: (2) certificates with 38
  - ☒ L43: (207) certificate with exists
  - ☒ L44: (60) (determin\$4 or judg\$4 or check\$4 or compare\$1 or compar\$5) with 43
  - ☒ L45: (1) (store\$1 or storing or writ\$5 or record\$4) with 42
  - ☒ L46: (4) (store\$1 or storing or writ\$5 or record\$4) with 44
- [-] Failed
- [-] Saved
- [-] Favorites
- [-] Tagged (0)
- [-] UDC
- [-] Queue
- [-] Trash

Search    DBs Default operator: BRS form  

|   | Document     | Issue    | Title   | Current | Current         | Inventor                 | Pa | Retri | U                        | Al                       | Sa                                  |
|---|--------------|----------|---|---------|-----------------|--------------------------|----|-------|--------------------------|--------------------------|-------------------------------------|
| 1 | US 5903860 A | 19990518 | Fault tolerant electronic licensing system  | 713/201 | 705/59; 709/227 | Olsen, James E. et al.   | 15 |       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2 | JP 200331889 | 20031107 | METHOD, DEVICE AND PROGRAM FOR PREPARING VOID CERTIFICATE LIST IN AUTHENTICATION SYS                              |         |                 | ODAWARA, HIDEYUKI et al. | 10 |       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3 | US 200301881 | 20031002 | Authentication certificate usage method for Internet applications, involves accessing peer authorized certific    |         |                 | BRICKELL, E F et al.     | 13 |       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4 | US 200200809 | 20020627 | Keystore method for data processing system, involves storing retrieved certificates in selected portions of distr |         |                 | LONDON SHRADER, T J      | 12 |       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

[illegible]

Search List Browse  
DBs USPAT  
Default operator: OR

.....

 **BRS form**
 **IS&R form**

| Type | Hits | Search Text | DBs | Time Stamp | Comments | Error |
|------|------|-------------|-----|------------|----------|-------|
|------|------|-------------|-----|------------|----------|-------|

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are no margins or additional markings on the page.

**EAST - [default.wsp:1]**

File View Edit Tools Window Help

**Drafts**

- BRS:
- BRS:

**Pending**

**Active**

- L1: (15729) (read\$3 or retriev\$3 or download\$3 or gather\$3
- L2: (124182) stored adj2 (data or file or document or certifi
- L3: (1125) (compar\$3 or match\$3) with 1
- L4: (16) 2 with 3
- L5: (1) updat\$3 with 4
- L6: (4876) (consolidat\$3 or centraliz\$3) with (composite or
- L7: (10) 1 with 6
- L8: (1433) key with certificate
- L9: (87) (updat\$3 or consolidat\$4) with 8
- L12: (2) 6 and 9
- L13: (4811) (distribut\$4 or local) adj3 databases
- L16: (3) 9 and 13
- L17: (30613) replac\$4 adj3 new
- L19: (0) 9 same 17
- L20: (154) "new certificate"
- L21: (3) 17 with 20
- L22: (6078) new adj2 (entry or entries)
- L23: (3) 20 same 22
- L24: (12808) determining with (exist\$3 or preexist\$3 or exist
- L25: (6) certificate with 24
- L26: (11339) (avoid\$4 or eliminat\$3) adj3 (duplicat\$3 or red
- L27: (0) 6 with 26
- L28: (13167) 3 with 26
- L29: (37) 2 with 28
- L31: (0) 30 and 8
- L30: (18) database with 29
- L32: (156) updating with replacing with (current or new)
- L34: (0) certificate same 32
- L35: (556) add\$4 with certificate
- L36: (12) updat\$4 with 35
- L37: (0) updating with (current or new) with 36
- L38: (8) upda\$4 with (current or new) with 36
- L39: (1281) preexist\$4 with new
- L40: (1394) preexist\$4 with (new or current)
- L41: (8385) certificate
- L43: (0) 40 same 41
- L44: (216) updat\$4 with 41
- L46: (1) 40 and 44
- L47: (81377) (current or new) adj2 (entry or item or informa
- L48: (1963) updat\$3 with partial\$2
- L49: (97) 47 same 48
- L50: (59) 47 with 48
- L51: (7) 707/\$.ccls. and 50
- L54: (101) updat\$4 with preexist\$3
- L55: (1796) 707/200,201.ccls.
- L56: (2) 54 and 55

**Failed**

**Saved**

**Favorites**

Search

DBs

Default operator: